

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	11	("3859314" "4076684" "4431472" "4537803" "4808687" "4935455" "5106943" "5212218" "5306747" "5792996" "6037392").PN.	US-PGPU B; USPAT; USOCR	OR	ON	2007/01/05 12:42
S3	2819	((427/140) or (427/213.3-213.36) or (174/137R) or (220/560.02) or (220/900) or (244/135) or (428/912)).CCLS.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/05 12:43
S4	0	S3 and ((self\$1heal\$3 self\$1repair\$3 self\$1seal\$3) with insulation) and (micro\$1capsule micro\$1particle)	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/05 12:44
S6	0	S5 and (core near3 shell)	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/05 12:44

EAST Search History

S5	11	((self\$1heal\$3 self\$1repair\$3 self\$1seal\$3) with insulation) and (micro\$1capsule micro\$1particle)	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/01/05 12:45
S1	5	("4698583") or ("6184473") or ("6527849") or ("6548763") or ("5117809").PN.	USPAT	OR	OFF	2007/01/06 18:25
L1	80	micro\$1capsule same poly\$1urethane same (core with shell)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/01/06 18:26
L2	4	micro\$1capsule same poly\$1urethane same (core with shell) same (polyol dioly) same (polyisocyanate diisocyanate)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/01/06 18:28
L4	0	micro\$1capsule same (two\$1part two\$1component) same (polymer polymeric polymerization) same reactants	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/01/06 18:29

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L5	0	micro\$1capsule same (two\$1part two\$1component) same (polymer polymeric polymerization) same reactant	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/01/06 18:29
L6	1	micro\$1capsule same (two\$1part two\$1component) same (polymer polymeric polymerization) same (core with shell)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/01/06 18:30
L3	53	micro\$1capsule same (two\$1part two\$1component) same (polymer polymeric polymerization)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/01/06 18:33
L8	2	(two\$1part two\$1component) same encapsulat\$4 same reactant same micro\$1capsule	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/01/06 18:53
L7	2	(two\$1part two\$1component) same encapsulat\$4 same reactants same micro\$1capsule	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/01/06 18:54

EAST Search History

L9	0	(two\$1part two\$1component) same encapsulat\$4 same (core near3 shell) same micro\$1capsule	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/01/06 18:54
L10	1	(two\$1part two\$1component) same (core near3 shell) same micro\$1capsule	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/01/06 18:55
L11	925	(two\$1part two\$1component) same encapsulat\$3 same (reactant component part)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/01/06 18:55
L12	13	(two\$1part two\$1component) same encapsulat\$3 same (reactant component part) same micro\$1capsule	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/01/06 19:43
L13	1	("5102969").PN.	USPAT	OR	OFF	2007/01/06 19:43
L14	1	13 and encapsulat\$4	USPAT	OR	ON	2007/01/06 19:58

EAST Search History

L15	4	multi\$1shell\$2 near3 (sphere micro\$1sphere)	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/01/06 19:59
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(two-part OR two-component OR "two part" OR

- 2003

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[All Results](#)

THREADED ARTICLES WITH LOCKING OR SEALING COATINGS

A Bachmann - US Patent 3,814,156, 1970 - Google Patents

... of the each **component** of a **two-component** adhesive to ... the above **two-part** systems which rely upon mixing for ... As a general rule, **encapsulated** adhesives range in ...

Cited by 22 - [Related Articles](#) - [Web Search](#)

[R Newell](#)

[A Bachmann](#)

[R Hinterwaldne...](#)

[M Pearce](#)

[N Hosoi](#)

Heat activatable one-part liquid resin systems - group of 2 »

RG Newell, HE Rude... - US Patent 4,237,252, 1980 - Google Patents

... alcohol (pref- erably glycerol) complex **encapsulated** within shell ... for costly and complicated **two-part** meter mix ... various latent catalysts and **encapsulating** media ...

Cited by 10 - [Related Articles](#) - [Web Search](#)

Liquid membrane **encapsulated reactive products - group of 2 »**

NN Li, AL Shrier - US Patent 4,098,736, 1978 - Google Patents

... aforementioned solid adhesives are **two-component** systems, consisting ... in the art to **encapsulate reactants** in mi- ... Other examples of solid **encapsulated** systems, hi ...

Cited by 10 - [Related Articles](#) - [Web Search](#)

Mechanically activateable one-part liquid resin systems - group of 2 »

RG Newell... - US Patent 4,252,708, 1981 - Google Patents

... ner, by **encapsulating** or otherwise shielding it from the ... erably glycerol) complex **encapsulated** within shell ... for costly and compli -cated **two-part** meter mix ...

Cited by 6 - [Related Articles](#) - [Web Search](#)

Automobile engine cup plug and assembly method - group of 2 »

H Bonutti - US Patent 4,750,457, 1988 - Google Patents

... **encapsulating** a **component** of the cure ... Since a press-bit does not involve rotating movement, application of a **two part** adhesive on opposite sides of the ...

Cited by 7 - [Related Articles](#) - [Web Search](#)

PEARCE, JR SELF-SEALING MECHANICAL FASTENER

MB Pearce - US Patent 3,472,301, 1969 - Google Patents

... surfaces, such as the **two-component** sealants discussed ... For example, a **two part** **encapsulated** epoxy resin ... **components** are separately **encapsulated**, the capsules ...

Cited by 23 - [Related Articles](#) - [Web Search](#)

COPY SHEET HAVING A LAYER OF THERMALLY RUPTURABLE HOLLOW MICROCAPSULES ON A CONDUCTIVE BACKING AND ...

RW Shrewsbury... - US Patent 3,318,697, 1967 - Google Patents

... materials can be individ- 00 ually **encapsulated** and then ... cer -tain adhesives normally handled as **two-part** systems (eg ... a one-part system by **encapsulating** one or ...

Cited by 9 - [Related Articles](#) - [Web Search](#)

Modified epoxy resin-polyisocyanate resin system - group of 2 »

HE Rude, RG Newell... - US Patent 4,224,422, 1980 - Google Patents

... esters used as non-reactive **encapsulation** media are ... no need for costly and complicated **two- part** meter mix ... ethylenically unsaturated monomer **component** is limo- ...

Cited by 9 - [Related Articles](#) - [Web Search](#)

Method for the addition of powders to photographic systems - group of 2 »

E Mason... - US Patent 5,180,651, 1993 - Google Patents

... that the emulsion need not contain all of its **components** at the ... the scope of the present invention that other powders are **encapsulated** in a **two-part** capsule ...

Cited by 2 - [Related Articles](#) - [Web Search](#)

One-component hardenable substances stable to storage and activatable by mechanical and/or physical ... - group of 2 »

R Hinterwaldner - US Patent 4,362,566, 1982 - Google Patents

... encapsulated reactants may essentially be summarized ... which, in contrast to two-component systems known today ... on the particular encapsulating technology involved ...
Cited by 26 - Related Articles - Web Search

Pass card having a semiconductor chip module attached by a microencapsulated adhesive - group of 3 »
G Mederski - US Patent 5,965,866, 1999 - Google Patents
... In a first variant, the micro-encapsulated adhesive means includes a two-component adhesive in which both is a single-component adhesive, for example, a cold- ...
Cited by 1 - Related Articles - Web Search

ARRANGEMENT FOR CONNECTING PLANAR COMPONENTS

F KNAUSEDER - EP Patent 1,294,996, 2003 - freepatentsonline.com
... In another advantageous type of micro-encapsulation of the ... is a coating with a two-component glue system ... but that-in practically "macro-encapsulated" form-they ...
Cached - Web Search

Encapsulated liquid toner printing apparatus - group of 3 »

JP Ertel - US Patent 5,923,412, 1999 - Google Patents
... The liquid ink is a simple two-component mixture. ... 55 part of two-part epoxies ... or encapsulated in a polymer resin which may be further encapsulated by additional ...
Cited by 1 - Related Articles - Web Search

Process and composition for the manufacture of products from silicone rubber - group of 2 »

JR McDougal - US Patent 4,528,354, 1985 - Google Patents
... The two-part systems are composed of silicone rub- ... resins, to encapsulate organic peroxide cross-linking 35 ... peroxide cross-linking agent encapsulated within an ...
Cited by 14 - Related Articles - Web Search

Tagging with microcapsules containing perfluoroalkyl pentafluorosulfide - group of 2 »

RD Danielson, RA Prokop... - US Patent 4,399,226, 1983 - Google Patents
... 5. SF₆ 0.58 encapsulation procedure: ... leakage of the encapsulated liquid from the microcap- ... mite, slurries/water gels, emulsions, two-component 20 an electron ...
Cited by 6 - Related Articles - Web Search

Method for deodorizing hypochlorite denture cleansing solutions and product containing a delayed ... - group of 2 »

AM Schobel, RW Schumacher - US Patent 4,552,679, 1985 - Google Patents
... the specification and claims, the term "two part tablet" means ... the hypochlorite deactivator is encapsulated in a ... plasticizer used in the 25 encapsulating film ...
Cited by 18 - Related Articles - Web Search

Microcapsules containing perfluoroalkyl pentafluorosulfide - group of 2 »

RD Danielson, RA Prokop... - US Patent 4,306,993, 1981 - Google Patents
... 6. SF₆(CF₃)₂ Cl a52 30 encapsulation procedure: ... also be encapsulated in free-flowing vapor permeable, ... mite, slurries/water gels, emulsions, two-component ...
Cited by 3 - Related Articles - Web Search

Water/oil repellent composition - group of 3 »

M Ashizawa - US Patent 6,491,745, 2002 - Google Patents
... includes a method of using a two-component composition, ie ... oil repellent agent as the main component and polishing agent-encapsulated microcap- sules ...
Related Articles - Web Search

Flip chip encapsulating compositions and semiconductor devices encapsulated therewith - group of 2 »

T Shiobara, K Futatsumori, S Jingu... - US Patent 5,248,710, 1993 - Google Patents
... are commercially available in two forms, two part ... is to provide a semiconductor device encapsulated ... a flip chip encapsulating composition comprising (A) an ...
Cited by 9 - Related Articles - Web Search

Chromatography - group of 2 »

F Lim - US Patent 4,257,884, 1981 - Google Patents
... one component of a two-component specific binding ... any pair of complementary substances by encapsulating the higher ... the passage of the encapsulated substance, but ...
Cited by 15 - Related Articles - Web Search

Detector device for determining the components of a fluid sample and a method of producing the same - group of 2 »

W Bather - US Patent 4,971,762, 1990 - Google Patents
... agents and be coated with the encapsulating material ... 1, two component quantities of reagents are contained in respective ... in the form of encapsulated particles is ...
Cited by 1 - Related Articles - Web Search

Overcoated encapsulated toner compositions and processes thereof - group of 2 »

GG Sacripante, BS Ong, LM Martins - US Patent 5,153,093, 1992 - Google Patents

... selected carrier particles for **two component** development ... fixable core, and an **encapsulating** substance comprised ... the prior art **encapsulated** toner compositions ...
Cited by 9 - Related Articles - Web Search

Epoxy resin composition and semiconductor device - group of 3 »
T Shiobara, S Ino, Y Kimura, T Aoki, K Arai, H ... - US Patent 6,342,309, 2002 - Google Patents
... of sodium or potassium, the **encapsulated** devices would ... be surface treated with
two-part type silicone ... is effectively utilized in **encapsulating** semi-conductor ...
Cited by 5 - Related Articles - Web Search

Preparation of encapsulated electrostatographic toner material - group of 2 »
N Hosoi... - US Patent 4,576,890, 1986 - Google Patents
... with carrier particles is named "**two component** devel- ... The separated mi- the
encapsulating reaction. ... was dried in an oven to obtain a powdery **encapsulated** ...
Cited by 7 - Related Articles - Web Search

Microcapsules based on gelatin and polysaccharides and process for obtaining same - group of 2 »
J David, C Lefrancois, C Ridoux - US Patent 5,051,304, 1991 - Google Patents
... the emulsification in the case of **encapsulating** liquids ... Among products capable of
being **encapsulated**, men -tion ... ml of compound A of a **two-component** epoxy glue and ...
Cited by 13 - Related Articles - Web Search

Bonding materials - group of 2 »
C Kiparissides, P Mouratidis, A Bachtsi, S ... - US Patent 6,335,386, 2002 - Google Patents
... to encapsulation of one **component** of a **two-component** polyurethane adhe ... in
non-**encapsulated** form. ... **encapsulating** wax layer capable of melting at a temperature ...
Related Articles - Web Search

Preparation of electrostatographic encapsulated toner material improved in powder characteristics - group of 2 »
T Naoi, F Kakimi, T Mikami... - US Patent 4,699,866, 1987 - Google Patents
... of an carrier particles is named "**two component** developing ... by one of the two
encapsulating methods, 50 ... When the dispersion of the **encapsulated** toner parti- ...
Cited by 7 - Related Articles - Web Search

Storage-stable, very quickly hardenable, one-component sealant based on mercapto-terminated polymers - group of 2 »
L Hockenberger, M Soyka, G Wilhelm - US Patent 4,100,148, 1978 - Google Patents
... invention as com -pared with the **two component** PbO 2 ... **encapsulated** small particles
of a paste made from ... wrapped in a gelatin **encapsulating** material, the ratio ...
Cited by 7 - Related Articles - Web Search

Latent coating for metal surface repair - group of 3 »
CR Guibert, DG Enos, CE Boyer III - US Patent 6,075,072, 2000 - Google Patents
... 3,505,244 **encapsulates** a combination of corrosion inhibitor and ... Useful **encapsulated**
materials for repair include a ... 1553 **Two part** epoxy **Two part** epoxy + NACORR ...
Cited by 3 - Related Articles - Web Search

Encapsulated toner process utilizing phase separation - group of 2 »
RD Patel, GG Sacripante, G Kmiecik-Lawrynowicz - US Patent 5,302,486, 1994 - Google Patents
... fixable core, and an **encapsulating** substance comprised ... 15 For **two component** developers,
known carrier parti -cles ... of carrier with the **encapsulated** toners of the ...
Cited by 2 - Related Articles - Web Search

... image formation comprising an arylamine in a charge transport layer and an encapsulated toner - group of 3 »
I Takegawa, T Kubo, K Arie, T Kobayashi - US Patent 5,336,582, 1994 - Google Patents
... A CHARGE TRANSPORT LAYER AND AN **ENCAPSULATED** TONER ... development system and a **two-**
component development system ... **Encapsulation** by interfacial poly- acrylate, poly-2 ...
Cited by 5 - Related Articles - Web Search

Magnetic encapsulated toner compositions - group of 2 »
BS Ong, G Sacripante, G Kmiecik-Lawrynowicz, TB ... - US Patent 5,114,819, 1992 - Google Patents
... **two component** development systems wherein, for ex ... a pressure fixable core, and an
encapsulating sub ... to 60 reference, which illustrates an **encapsulated** toner mate ...
Cited by 2 - Related Articles - Web Search

Method for the production of dry toner for electrostatography using interfacial polycondensation ... - group of 2 »
AR McLoughlin - US Patent 4,439,510, 1984 - Google Patents
... emulsion of the materials to be **encapsulated** for the ... particles and were used as **two**
component devel- oper ... sec- ond reactive substance to **encapsulate** said emulsi ...
Cited by 10 - Related Articles - Web Search

Latent Lewis acid catalyst system and process - group of 2 »
RG Newell... - US Patent 4,225,460, 1980 - Google Patents

... rier, by encapsulating or otherwise shielding it ... carbon atoms, alcohol (preferably glycerol) complex encapsulated ... for costly and complicated **two-part** meter mix ...
Cited by 9 - Related Articles - Web Search

Storage stable heat curable organosiloxane compositions containing a microencapsulated catalyst and ... - group of 5 »
CL Lee, MH Yeh - US Patent 5,066,699, 1991 - Google Patents
... u 'y 24, 1984 teaches **two-part** curable organosiloxane ... curable composition is to encapsulate the platinum ... encapsulated in accordance with the present method ...
Cited by 9 - Related Articles - Web Search

Microcapsule toner having a microphase separation structure - group of 3 »
I Matsui, K Tomita - US Patent 6,033,819, 2000 - Google Patents
... Tg of a copolymer, taking a **two-component** copolymer for ... of a capsule shell and encapsulation of a ... An oily mixture comprising a fixable **component**, other core ...
Cited by 1 - Related Articles - Web Search

Processes for custom color encapsulated toner compositions - group of 2 »
US Patent 5,204,208, 1993 - freepatentsonline.com
... it is also intended to encapsulate the pharmaceutical ... colors available from blending encapsulated passivated toners ... toners necessary for two component or single ...
Cited by 14 - Related Articles - Cached - Web Search

Electrostatographic encapsulated toner material improved in powder characteristics - group of 2 »
T Mikami, N Hosoi... - US Patent 4,468,446, 1984 - Google Patents
... material more chargeable in the **two component** developing process ... prises encapsulating very small droplets of the pressure ... obtain dry encapsulated toner materials ...
Cited by 7 - Related Articles - Web Search

Low gloss toner compositions and processes thereof
US Patent 5,223,370, 1993 - freepatentsonline.com
... complete or substantially complete encapsulation of core ... For two component developers, carrier particles including ... for example, with the encapsulated toners of ...
Cited by 7 - Related Articles - Cached - Web Search

Encapsulated toner compositions and processes thereof - group of 3 »
BS Ong, W Mychaljowskij, GG Sacripante, G Kmiecik- ... - US Patent 5,153,089, 1992 - Google Patents
... fixable core, and an encapsulating substance comprised of ... For **two component** developers, known carrier particles ... of carrier with the encapsulated toners of the ...
Cited by 3 - Related Articles - Web Search

Foam substrate and micropackaged active ingredient particle composite dispensing materials - group of 2 »
PF Hermann - US Patent 4,828,542, 1989 - Google Patents
... The gelatin encapsulation systems are used for food additives and approved by ... Both components of such **two-part** glue systems maybe encapsulated or only ...
Cited by 18 - Related Articles - Web Search

Fragrance releasing pull-out sampler - group of 2 »
JW Charbonneau... - US Patent 4,889,755, 1989 - Google Patents
... 4,201,404 show other methods of application of encapsulated coloring materials ... may be a fragrance, medicinal liquid, one part of a two part reactive system ...
Cited by 44 - Related Articles - Web Search

Method for coupling conduits using microencapsulatable solvent adhesive composition - group of 3 »
MA Roesch, DA Maccarone, GF Hillenbrand, MF Newsom ... - US Patent 6,004,417, 1999 - Google Patents
... may be formed in a **two-part** system by ... A plurality of microcapsules encapsulate a volume of the solvent adhesive ... the 20 volume of the encapsulated composition is ...
Cited by 3 - Related Articles - Web Search

Gel-coated microcapsules - group of 6 »
ME Holman... - US Patent 6,270,836, 2001 - Google Patents
... Encapsulated PCMs are available as micro- capsules ... The invention further provides a **two-component** heat transfer ... are used to encapsulate flammable materials ...
Cited by 16 - Related Articles - Web Search

Encapsulated toner compositions - group of 4 »
B Keoshkerian, BS Ong - US Patent 5,082,757, 1992 - Google Patents
... resides in its use for **two component** develop ... there is disclosed a process for encapsulating the water ... by reference, which illustrates an encapsulated toner mate ...
Cited by 6 - Related Articles - Web Search

Method of forming a foam substrate and micropackaged active ingredient particle composite - group of 2 »
PF Hermann - US Patent 5,098,621, 1992 - Google Patents

... The gelatin encapsulation systems are used for food additives and approved by ... Both components of such two-part glue systems may be encapsulated or only ...
Cited by 13 - Related Articles - Web Search

Tamper evident closure using microcapsules - group of 2 »

HD Iler... - US Patent 5,152,412, 1992 - Google Patents

... closure for containers with encapsulated microcapsules containing a ... microcapsules which contain reactant 15 materials ... epoxy resin; or a two part epoxy system ...
Cited by 1 - Related Articles - Web Search

New Multicomponent Capsules for Immunoisolation - group of 4 »

A BARTKOWIAK, L CANAPLE, ION CEAUSOGLU, N NURDIN, ... - Annals of the New York Academy of Sciences, 1999 - annalsonline.org ... have shown that a simple two component capsule can be ... toxic sterilizable material for encapsulation of various ... auto- and allografts of encapsulated islets will ...
Cited by 13 - Related Articles - Web Search - BL Direct

Microencapsulatable solvent adhesive composition and method for coupling conduits - group of 6 »

MA Roesch, DA MacCarrone, GF Hillenbrand, MF Newsom - US Patent 5,922,798, 1999 - Google Patents
... adhesives may be formed in a two-part system by ... A plurality of microcapsules encapsulate a volume of the solvent ... of the volume of the encapsulated solvent adhe ...
Cited by 3 - Related Articles - Web Search

Encapsulated toner compositions - group of 2 »

G Kmiecik-Lawrynowicz, BS Ong, F Yulo - US Patent 5,045,422, 1991 - Google Patents
... xable core, and an encapsulating substance comprised ... For two component developers, carrier particles 15 ... instance) conductive black encapsulated toner compris ...
Cited by 4 - Related Articles - Web Search

Complex protein-walled microcapsules containing lipid-walled microcapsules and method for producing ... - group of 2 »

FLE Chu, S Ozkizilcik - US Patent 5,776,490, 1998 - Google Patents
... The invention is generally related to two component ... be used to encapsulate bulk nutrients such as protein ... vitamins and minerals however are encapsulated in the ...
Cited by 2 - Related Articles - Web Search

Platinum-group metal cyclodextrin complexes and their use as command-cure catalysts in silicones

LN Lewis, CA Sumpter, M Davis - Journal of Inorganic and Organometallic Polymers, 1995 - Springer
... via hydrosilylation, was measured by using the two-part addition cure ... the effect of molecular encapsulation on catalyst ... 1). However, if the /-CD- encapsulated ...
Cited by 5 - Related Articles - Web Search - BL Direct

PROCESS FOR PREPARING DISCRETE PARTICLES OF MICROENCAPSULATED LIQUID ANAERO-BIC COMPOSITIONS

AG Bachmann - US Patent 3,826,756, 1974 - Google Patents
... of the emulsified system above, the two-component redox catalyst ... prior art processes for encapsulating anaerobic compo ... While excellent encapsulated products 55 ...
Cited by 5 - Related Articles - Web Search

Electrophotographic encapsulated pressure fixable toner particles with electroconductive powder ... - group of 2 »

N Hosoi... - US Patent 4,803,144, 1989 - Google Patents
... carrier particles is named "two component developing process ... prises encapsulating very small droplets of the pressure 5 3 ... medium to obtain dry encapsulated toner ...
Cited by 28 - Related Articles - Web Search

Storage stable heat curable organosiloxane compositions containing a microencapsulated catalyst and ... - group of 5 »

SM Evans, CL Lee, MH Yeh - US Patent 5,279,898, 1994 - Google Patents
... 24, 1984 teaches two-part curable organosiloxane com ... hy-drosilylation catalyst encapsulated within at ... am (2) 35 compounds that encapsulate the hydrosilylation ...
Cited by 6 - Related Articles - Web Search

Method for chemiluminescently detecting infiltration of protected perimeters and the like - group of 3 »

RJ Marcus, EE Gloye - US Patent 3,973,466, 1976 - Google Patents
... more particularly to the use of encapsulated chemilu- ... into capsules under the force encapsulating processes and ... be referred to as a two-component detection Or ...
Cited by 4 - Related Articles - Web Search

... fixable electrostatographic toner material comprising encapsulated particles containing curing ... - group of 2 »

M Kiritani, T Mikami... - US Patent 4,465,755, 1984 - Google Patents
... carrier particles is named "two component developing process ... prises encapsulating very small droplets of the pressure ... the previously reported encapsulated toners ...
Cited by 15 - Related Articles - Web Search

Multicomponent powder mixing process and compositions produced thereby - group of 3 »

RE Riman, PR Mort III - US Patent 5,628,945, 1997 - Google Patents
... In addition, the porosity of the encapsulating layer can be ... Emulsions have also been used to encapsulate liquids, for ... not been used to prepare encapsulated solids ...
Cited by 5 - Related Articles - Web Search

Preparation of encapsulated electrostatographic toner material using gelatin derivative - group of 2 »
T Mikami... - US Patent 4,442,194, 1984 - Google Patents
... In the embodiment for the two component develop ... so as to complete the 5 encapsulating reaction ... The encapsulated toner was well admixed with 0.5% by weight ...
Cited by 8 - Related Articles - Web Search

Electrophotographic toner compositions of particles coated with metallic oxides and treated with a ... - group of 2 »
T Mikami... - US Patent 4,824,754, 1989 - Google Patents
... 45 Further, in the case of a two-component developing process ... at 60° C. to complete encapsulation reaction. ... The encapsulated toner was well mixed with 1 wt ...
Cited by 5 - Related Articles - Web Search

Magnetic image character recognition processes with encapsulated toners - group of 2 »
G Kmiecik-Lawrynowicz, BS Ong - US Patent 5,080,986, 1992 - Google Patents
... developing the image with a single, or two component ... core, and an encapsulating substance comprised of a ... to MICR processes with encapsulated toners comprised ...
Cited by 6 - Related Articles - Web Search

Processes for cold pressure fixable encapsulated toner compositions - group of 3 »
MP Breton, KP Lok - US Patent 4,725,522, 1988 - Google Patents
... fixable core, and an encapsulating substance comprised ... for preparing cold pressure fixable two component toners ... EXAMPLE II A carbon black encapsulated toner was ...
Cited by 7 - Related Articles - Web Search

System for recording an image - group of 2 »
RJ Duke - US Patent 5,049,902, 1991 - Google Patents
... the present invention can be produced using known encapsulation ... 2 uses media of the two-part form, wherein a ... and to write said second color component onto said ...
Cited by 14 - Related Articles - Web Search

Microcapsules having improved printing and efficiency - group of 3 »
JR Bodmer, CB Patel, TR Seehafer, TA Schwantes - US Patent 6,544,926, 2003 - Google Patents
... com -ponent of a two-component colorant as ... been successfully used to encapsulate liquid compositions ... activation properties of the encapsulated nucleus material ...
Related Articles - Web Search

Photopolymerizable composition containing salts of organic cationic dyes and organic boron compounds - group of 2 »
J Yamaguchi, M Okazaki, T Hioki... - US Patent 4,902,604, 1990 - Google Patents
... The polymerizable compounds having ethylenic unsat -urated bonds can be encapsulated to obtain microcap ... tive microcapsules enclosing a photopolymerizable , . . .
Cited by 8 - Related Articles - Web Search

Encapsulated toner compositions - group of 4 »
BS Ong, B Keoshkerian - US Patent 5,077,167, 1991 - Google Patents
... the present invention is for two component develop- ... there is disclosed a process for encapsulating the water ... is the material to be encapsulated, and polymethyl ...
Cited by 4 - Related Articles - Web Search

Fracture testing of a self-healing polymer composite - group of 10 »
EN Brown, NR Sottos, SR White - Experimental Mechanics, 2002 - Springer
... Unlike two part epoxy polymeriza- tion reactions, which require a ... The third component was then inte- grated ... fractured, releasing the encapsulated healing agent ...
Cited by 34 - Related Articles - Web Search - BL Direct

Method and apparatus for sealing implantable, membrane encapsulation - group of 2 »
JF Mills, EJ Doherty, TF Hazlett, KE Dionne, NF ... - US Patent 5,653,687, 1997 - Google Patents
... extrudate having a polymeric outer coating encapsulating ... thereof, 55 (Production of encapsulated cells using ... be sealed to fully encapsulate the cell cultures. ...
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Method for reinforcing or sealing solid structures or for anchoring bolts therein and cartridges for ... - group of 2 »
RW Seemann, TI Bradshaw... - US Patent 4,153,156, 1979 - Google Patents
... a curable resin system encapsulated therein, the ... Illustrative of useful macrocapsules are twopart gelatin capsules of ... was a two-part curable mixture having the ...
Cited by 10 - Related Articles - Web Search

Adhesive, gluing, putty, sealer and coating materials from (1) hardenable component,(2) metal salt ... - group of 2 »

R Hinterwaldner - US Patent 4,154,774, 1979 - Google Patents
... ties and advantages of the known **two-component** and use ... **encapsulated**
reactioninitiatorsand/orreactionacceler ... 50 feature of hardenable, **single-component** ...
Cited by 9 - Related Articles - Web Search

Pressure-sensitive carbonless copy system and transfer sheet for use therein - group of 2 »
SM Spatz, DR Shackle - US Patent 4,113,282, 1978 - Google Patents
... f t h e invention, **micro-encapsulation** of these ... carrier liquid solution is preferably
encapsulated in gelatin ... intensity test to produce a **two part** manifold forms ...
Cited by 4 - Related Articles - Web Search

Fragrance sampling device - group of 2 »
JW Charbonneau... - US Patent 4,988,557, 1991 - Google Patents
... 25 other methods of application of **encapsulated** coloring materials on paper ... may be
a fragrance, medicinal liquid, one **part** of a **two part** reactive system ...
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Method of using a PCM slurry to enhance heat transfer in liquids - group of 2 »
DP Colvin, JC Mulligan - US Patent 4,911,232, 1990 - Google Patents
... The **one-component**, unencapsulated particles take the ... Exemplary of shell materials
to **encapsulate** the latent ... changes in volume, the **two- component** thermal fluid ...
Cited by 15 - Related Articles - Web Search

Reinforcing or sealing solid structures or for anchoring bolts therein and cartridges for use in ... - group of 2 »
RW Seemann, TI Bradshaw... - US Patent 4,216,180, 1980 - Google Patents
... with a curable resin system **encapsulated** therein, the ... Illustrative of useful
macrocapsules are **two-part** gelatin capsules ... it into the other liquid **reactant** to ...
Cited by 5 - Related Articles - Web Search

Method of forming fragrance releasing pull-apart sheets - group of 2 »
JW Charbonneau, JO Bahis... - US Patent 4,925,517, 1990 - Google Patents
... 4,201,404 show other methods of application of **encapsulated** coloring materials ... may
be a fragrance, medicinal liquid, one **part** of a **two part** reactive system ...
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Preparation of encapsulated electrostatographic toner material - group of 2 »
T Naoi, F Kakimi... - US Patent 4,455,362, 1984 - Google Patents
... earner particles is named **two component** developing ... toner material comprising
encapsulating a core ... and drying the so prepared **encapsulated** toner particles, the ...
Cited by 3 - Related Articles - Web Search

An evaluation of microencapsulated PCM for use in cold energytransportation medium - group of 2 »
Y Yamagishi, T Sugeno, T Ishige, H Takeuchi, AT ... - Energy Conversion Engineering Conference, 1996. IECEC 96. ..., 1996 -
ieeexplore.ieee.org
... applications, the feasibility of micro- **encapsulated** phase change ... structural integrity
of PCM **microcapsules** (MCs) have ... A **two-component** slurry comprised of a ...
Cited by 16 - Related Articles - Web Search

ELECTROPHORETIC MEDIUM
JRRJ PAOLINI, DD MILLER, B COMISKEY - EP Patent 1,370,905, 2003 - freepatentsonline.com
... a continuous phase surrounding and **encapsulating** the droplets ... **component** of a
two-component film-forming ... resemble prior art **encapsulated** electrophoretic displays ...
Cached - Web Search

Method and apparatus for controlling exposure of an imaging sheet - group of 2 »
WG Good, ME Holycross - US Patent 4,943,827, 1990 - Google Patents
... can be produced using known **encapsulation** techniquesincludingcoacervation, interfacial ...
The exemplary imaging sheet is one **part** of a **two- part** imaging media ...
Cited by 11 - Related Articles - Web Search

Oxidative pretreatment for improved adhesion - group of 3 »
JD Oxman... - US Patent 5,849,813, 1998 - Google Patents
... The optimum amount depends in **part** on the E° 15 oxidant ... ie, crosslink or copolymerize)
with the other **components** of the ... The polymer **component** of an ionomer ...
Cited by 1 - Related Articles - Web Search

Process for the production of a sealing and adhesive compound strip and device for implementing this ...
I Scheffler, M Hirthammer, AM Schleicher, JW ... - US Patent 5,102,969, 1992 - freepatentsonline.com
... **Two-component** PU-systems are capable of rapid hardening ... an inert solvent during the
encapsulation process as a ... C. Such **encapsulated** cross-linking agents have an ...
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Method and apparatus for sealing implantable, membrane encapsulation devices containing living cells - group of 3 »

JF Mills, EJ Doherty, TF Hazlett, KE Dionne, NF ... - US Patent 5,932,460, 1999 - Google Patents

... must be sealed to fully encapsulate the cell ... 15 These encapsulating membrane devices are generally comprised ... 1990) 55 (Production of encapsulated cells using ...

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Method and apparatus for sealing implantable membrane encapsulation devices - group of 6 »

JF Mills, EJ Doherty, TF Hazlett, KE Dionne, NF ... - US Patent 6,123,700, 2000 - Google Patents

... must be sealed to fully encapsulate the cell ... 797 (April 1990) (Production of encapsulated cells using ... pair that was used to manufacture the encapsulating device ...

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Thread lock - group of 6 »

RB Wallace - US Patent 4,325,985, 1982 - Google Patents

... sulated two part adhesives, such as an epoxy resin ... provided threaded articles, and suggests micro-encapsulation of ... is provided in micro-encapsulated form and ...

Cited by 5 - Related Articles - Web Search

Resin-containing cartridges and process for sealing solid structures or for anchoring bolts and rods ... - group of 4 »

RW Seemann... - US Patent 4,353,463, 1982 - Google Patents

... to introduce a two-part resin system into a ... Any structural config- such as encapsulation, retention in ... advancing bolt also causes rupture of the encapsulated ...

Cited by 6 - Related Articles - Web Search

Microcapsules with readily adjustable release rates - group of 2 »

ME Seitz, RJ Brinker, JN Travers - US Patent 5,925,595, 1999 - Google Patents

... particular significance when the two components encapsulated are a ... been found that a two component blend containing ... The encapsulating process can be conducted ...

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Synergistic herbicidal composition and method of use thereof - group of 2 »

BH Lake, TJ Purnell - US Patent 5,698,493, 1997 - Google Patents

... weight ratio of component (a) to component (b) at ... y or combined as part of a two-part herbicidal system ... Encapsulated droplet are typically about 1 to 50 microns ...

Cited by 1 - Related Articles - Web Search

[CITATION] Method and apparatus for sealing implantable membrane encapsulation devices

US Patent 5,653,688, 1997

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Ternary adhesive compositions - group of 4 »

KO McElrath Jr, MH Robertson, WY Chow - US Patent 5,010,119, 1991 - Google Patents

... We have found it useful to encapsulate the crosslink ... Typically, encapsulation can be accomplished by suspending TEPA as ... agent which may be encapsulated is added ...

Cited by 24 - Related Articles - Web Search

Ophthalmic drug delivery with thermo-irreversible gels of polyoxyalkylene polymer and ionic ... - group of 2 »

TX Viegas, LE Reeve, RL Henry - US Patent 5,077,033, 1991 - Google Patents

... of the invention utilizing a two part sys -tem in which ... stance, thegelatin-encapsulated controlled-release com- ... can be gelatin shell encapsulating a controlled ...

Cited by 24 - Related Articles - Web Search

Method and apparatus for producing monosize ceramic particles - group of 3 »

ST Wellinghoff, TE Owen - US Patent 4,801,411, 1989 - Google Patents

... be composed of the precursory chemical reactant sub- ... particle is pre -cipitated, the volatile reactants are evaporated ... 50 via supply duct 64 is a two-component ...

Cited by 18 - Related Articles - Web Search

Photopolymerizable image-recording process of producing a visible image - group of 2 »

K Takeda... - US Patent 4,632,899, 1986 - Google Patents

... type color-forming substance micro- encapsulated together with a ... polymerization initiator) and a two-component type heat ... oper which is one component ofthe dye ...

Cited by 13 - Related Articles - Web Search

Image-recording method comprising heating a light-sensitive material containing microcapsule - group of 2 »

S Yamamoto, S Ishikawa, F Shinozaki, H Ohmatsu... - US Patent 4,912,011, 1990 - Google Patents

... substance are encapsulated in the same microcapsules, ... a developer being employed as a component constituting the ... tion between two or more components, such as ...

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Synergistic herbicidal composition comprising triketones and chloroacetanilides, and method of use ... - group of 2 »

JM Shribbs - US Patent 5,741,756, 1998 - Google Patents

... at least 1.0 kg/ha, of which component (A) provides ... rately or combined as part of a two-part herbicida ... Encapsulated granules are generally porous granules with ...
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Process for the continuous preparation of encapsulated toner - group of 2 »
HS Tan, HK Mahabadi, JD Wright - US Patent 5,264,315, 1993 - Google Patents
... fixable core ' and an encapsulating substance comprised ... For two component development, known carrier ... The encapsulated toners of the present invention can be ...
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Color developing composition for carbonless paper copying system - group of 2 »
YC Chang, RS Lamar - US Patent 4,755,501, 1988 - Google Patents
... 6, 1977, discloses a two component color developer ... Other arrangements of the encapsulated color formers and ... and inert towards the encapsulation catalysts and ...
Cited by 4 - Related Articles - Web Search

Assembly of microencapsulated electronic displays - group of 2 »
GM Duthaler, PT Kazlas, PS Drzaic - US Patent 6,312,304, 2001 - Google Patents
... and a continuation-in-part of application No. ... by separately manufacturing an electronic component and an ... integrating the electronic and the optical components. ...
Cited by 6 - Related Articles - Web Search

Polymeric biomaterials synthesized by radiation techniques- current studies at IARC, Poland
P Ulanski, I Janik, S Kadlubowski, M Kozicki, P ... - Polymers for Advanced Technologies, 2002 - doi.wiley.com
... 6]. They are defined as two-component systems consisting of ... our group, two methods of encapsulating living cell were ... first step, the cells are encapsulated in a ...
Cited by 4 - Related Articles - Web Search - BL Direct

COMPOSITION EXHIBITING ENHANCED FORMULATION STABILITY AND DELIVERY OF TOPICAL ACTIVE INGREDIENTS
NOA LAPIDOT, S MAGDASSI, D AVNIR, C ROTTMAN, O ... - EP Patent 1,335,693, 2003 - freepatentsonline.com
... ingredients that are beneficial to encapsulate in the ... it from hydrolysis it is co-encapsulated with oleic ... must be formulated as a two component system, because ...
Cached - Web Search

Method and device for enveloping and disinfecting of sharp instruments - group of 2 »
DR Berndt, BP Smith - US Patent 5,383,862, 1995 - Google Patents
... is a continuation-in-part application 5 ... material is solidified, thereby encapsulating the functional ... Micropackaging by encapsulation or entrapment serves to ...
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(two-part OR two-component OR "tw

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[Method of drawing a metal wire and lubricant composition therefor - group of 2 »](#)

J Blachford... - US Patent 4,404,828, 1983 - Google Patents
... tion of **microcapsules** and, therefore, encapsulated liq- uid ... Although encapsulation methods using gelatin are the ... as steel, as well as **two component** metal wires ...

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[R Newell](#)

[A Bachmann](#)

[R Hinterwaldne...](#)

[M Pearce](#)

[N Hosoi](#)

[Preparation of electrostatographic toner material - group of 2 »](#)

F Kakimi... - US Patent 4,476,212, 1984 - Google Patents
... carrier particles is; named **two component** developing ^f ^f ... completing the encapsulating reaction, ... plied to the fixing of the encapsulated toner of the in- 55 ...

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COMPOSITIONS COMPRISING PYROQUILON AND NEONICOTINOIDS COMPOUNDS

M WEISS, RV CORTADA - EP Patent 1,272,036, 2003 - freepatentsonline.com
... consisting of **component(I)** and **component(II)** are ... In addition to the **two-component** compositionI+II, this ... powder, a dust, granules or an encapsulation in polymer ...
Cached - Web Search

[Stable suspension formulations of bioerodible polymer matrix microparticles incorporating drug ... - group of 3 »](#)

NJ Chang - US Patent 5,275,820, 1994 - Google Patents
... ically, because the molecules of the active **component** ... solvents or **two component** formulations which were ... the encapsulating polymeric matrix is exposed to the ...
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[Powder coating compositions - group of 2 »](#)

JD Sinclair-Day, SP Cassidy, J Ring, AG Cordiner - US Patent 5,470,893, 1995 - Google Patents
... APPLICATION This application is a continuation-in-part application of ... or a
non-film-forming performance **component** or two or more such **components**, and if ...
Cited by 25 - Related Articles - Web Search

[Preparation of electrostatographic toner material provided with surface electroconductivity - group of 2 »](#)

N Hosoi... - US Patent 4,476,211, 1984 - Google Patents
... with carrier particles is named "two component developing process ... which com -prises
encapsulating pressure fixable ... the so prepared encapsulated toner particles ...
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[Calcium alginate gel: A biocompatible and mechanically stable polymer for endovascular embolization - group of 5 »](#)

TA Becker, DR Kipke, T Brandon - Journal of Biomedical Materials Research, 2001 - doi.wiley.com
... the project after extensive research into **two component** polymer systems ... makes up
a moderate-to- severe tissue encapsulation. ... by the power law **component** of the ...
Cited by 25 - Related Articles - Web Search - BL Direct

[Low gloss encapsulated compositions - group of 2 »](#)

GG Sacripante, G Kmiecik-Lawrynowicz, BS Ong - US Patent 5,334,471, 1994 - Google Patents
... reprographic system, such as **two component** xerographic development ... pressure fixing process, the **encapsulated** 40 toner ... or light scattering **component** is utilized ...
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[Dye precursor, image forming material, and image forming method - group of 3 »](#)

M Takashima, H Sato, H Matsumoto, Y Fukushige - US Patent 6,528,230, 2003 - Google Patents
... which one of two **components** of a **two-component** type photosensitive and heat-sensitive
color-forming recording material is contained in **microcapsules**, and the ...
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[Biodegradable polymer composition - group of 5 »](#)

RL Dunn, JP English - US Patent 6,528,080, 2003 - Google Patents
... have approximately the same dimen -sions as **microcapsules**. ... of starting monomers

containing the reactant groups that ... In 30 essence, one liquid component of the ...
[Cited by 21 - Related Articles - Web Search](#)

Polyborate coinitiators for photopolymerization - group of 3 »
AF Cunningham, M Kunz - US Patent 6,087,062, 2000 - Google Patents
... The tetravalent nitrogen may also be part of a 5- or 6-membered ring, in which case this ring may in turn be 55 fused to other ring systems. ... **Part A: Polymer ...**
[Cited by 3 - Related Articles - Web Search](#)

Method of preparing elongated seamless capsules containing biological material - group of 2 »
P Aebischer, JF Mills, L Wahlberg, EJ Doherty, PA ... - US Patent 5,418,154, 1995 - Google Patents
... **microcapsules**, ie, tiny spheres which **encapsulate** a ... eg, a cell suspension to be **encapsulated**, is then ... of the casting solution 45 **encapsulating** viable cells ...
[Cited by 9 - Related Articles - Web Search](#)

Photogeneration of amines from alpha.-aminoacetophenones - group of 3 »
JL Birbaum, M Kunz, A Kimura, H Kura, H Oka, H ... - US Patent 6,057,380, 2000 - Google Patents
... **polymerizable components**. ... Important compositions are those, wherein **component (B)** is a base ... 4,444,974; 2. **Two component** systems of polyacrylates containing 20 ...
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Stable protein and nucleic acid formulations using non-aqueous, anhydrous, aprotic, hydrophobic, non ... - group of 3 »
VM Knepp, SJ Prestrelski, JG Smith, MT Huang - US Patent 6,264,990, 2001 - Google Patents
... Frequently, these **two-part** formulations are not very highly ... polymers, nor are they **encapsulated** by polymeric ... interactions rather than by **encapsulation** of the ...
[Cited by 1 - Related Articles - Web Search](#)

Toner for developing electrostatic latent image - group of 2 »
Y Sato, M Maruta, Y Ito, G Nakamura - US Patent 5,712,074, 1998 - Google Patents
... Embodiment ii include **encapsulated** toners obtainable ... as a main **component** of the ... condensation polymerization of polyhydric alcohol **components** and poly- carboxylic ...
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Medical uses of in situ formed gels - group of 4 »
TX Viegas, LE Reeve, RL Henry... - US Patent 5,958,443, 1999 - Google Patents
... the invention utilizing a **two part** system in ... controlled, slow-release of gelatin-**encapsulated** controlled release ... of a gelatin shell **encapsulating** a controlled ...
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Packing states of multilamellar vesicles in a nonionic surfactant system - group of 3 »
TD Le, U Olsson, K Mortensen - Phys. Chem. Chem. Phys., 2001 - pubs.rsc.org
... introduced another means of **encapsulation** called spherulites ... explored the prospects of **encapsulating** submicron particles ... been performed on a **two-component** (C 12 ...
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Azomethine dye precursor, image-forming material, and image-forming method - group of 3 »
H Sato, M Yumoto, Y Arai, H Matsumoto - US Patent 6,416,922, 2002 - Google Patents
... The 55 former is a **two-component**, photo- and heat ... in which one of the **two components** is enclosed in **microcapsules** while the other **component** is contained outside ...
[Related Articles - Web Search](#)

A Crosslinked Calcium-Alginate-Pectinate-Celulose Acetophthalate Gelsphere System for Linear Drug ... - group of 2 »
V Pillay - Drug Delivery, 2002 - Taylor & Francis
... At present, the design and development of **microcapsules** for specialized modes ... perspective, despite the addition of formulation **components**, the crosslinking ...
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Dental material including fatty acid, dimer thereof, or trimer thereof - group of 2 »
HT Bui, BU Kolb, SB Mitra - US Patent 6,613,812, 2003 - Google Patents
... composition is supplied as a **two-part** system, a ... which initiate polymerization via a **two component** system using ... To **encapsulate** the reducing or oxidizing agent ...
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Controlled release catalysts and curing agents for making polyurethane and/or polyisocyanurate ... - group of 4 »
CG Coe, RG Petrella - US Patent 5,177,117, 1993 - Google Patents
... 4,341,689 discloses a **two component** polyurethane coating system ... These **encapsulated** catalysts maintain a substan ... As another advantage, **encapsulating** the amine ...
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book Polymers in Dispersed Media II: International Conference on Polymers in Dispersed Media
J Claverie - 2000 - books.google.com
... PMMA **encapsulation** of alumina particles through aqueous suspension polymerisation

processes ... prepared **two-component** 24) and **three-component** 25 * polymeric ...
[Related Articles - Web Search](#)

Method for synthesizing thermo-expandable polymeric microspheres - group of 2 »
DS Soane, MR Houston - US Patent 6,617,364, 2003 - Google Patents
... wall material that sometimes **encapsulates** a solid or ... extent to which additional
components remain in ... **component's** volatility, compatibility with the polymer and ...
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Electrostatic latent image developer comprising capsule toner of irregular shape, wrinkled surface - group of 2 »
T Kohri, J Machida, M Anno - US Patent 4,973,541, 1990 - Google Patents
... suspension remain without being **encapsulated** in shells ... forma- tion of shells to
encapsulate oil drops ... **component** type developer and **two component** type developer. ...
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Microcellular foams, their method of production, and uses and products thereof - group of 3 »
DS Soane, MR Houston - US Patent 6,638,984, 2003 - Google Patents
... wall material that sometimes **encapsulates** a solid or ... extent to which additional
components remain in ... **component's** volatility, compatibility with the polymer and ...
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DRYING AND DEWATERING R&D IN JAPAN
M Hasatani, N Kobayashi, Z Li - Drying Technology, 2001 - Taylor & Francis
... this segregation phenomenon to **encapsulation**, suspensions of two ... in an Al-Mg,
two-component powder system ... good cleanability, multi-**component** product obtained ...
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Ferroelectric liquid crystal composition, liquid crystal optical device produced by using the ... - group of 5 »
K Yuasa, S Hachiya, K Morita, K Hashimoto... - US Patent 5,332,521, 1994 - Google Patents
... epoxy resin in a state **encapsulated** by the epoxy resin. ... 3(e) is a partially
enlarged view of the bended **part** and the neighborhood. FIG. ...
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Expandable polymeric microspheres, their method of production, and uses and products thereof
DS Soane, MR Houston - 2001 - freepatentsonline.com
... shell wall material that sometimes **encapsulates** a solid or ... may be simple one- or
two-component mixtures, or ... consisted of PMN shells **encapsulating** a propellant. ...
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Electrophoretic displays, display fluids for use therein, and methods of displaying images - group of 6 »
P Lin, DH Pan, CM Cheng, A Bush, JR Combes, PR ... - US Patent 6,529,313, 2003 - Google Patents
... is used to **encapsulate** the electrophoretic ... that includes colored particles) **encapsulated**
latex composition ... A benefit of **encapsulating** the electrophoretic display ...
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Room temperature vulcanizable polysiloxane having a heat-activated catalyst - group of 2 »
RA Smith - US Patent 4,461,854, 1984 - Google Patents
... used as a wall material to **encapsulate** the catalyst ... **two-component** room
temperaturevulcanizablesilicone ... enjoy substantial use in the potting or **encapsulating** ...
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Photochromic electrophoretic ink display - group of 2 »
DA Foucher, RD Patel, N Chopra, PM Kazmaier, J ... - US Patent 6,517,618, 2003 - Google Patents
... first **component** containing spheres **encapsulated** within a ... thin layers used to **encapsulate**
an electric ... retaining islands of the first **encapsulating** layer receive ...
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Drug delivery by injection with thermo-irreversible gels - group of 2 »
TX Viegas, LE Reeve, RL Henry - US Patent 5,124,151, 1992 - Google Patents
... tions of the invention utilizing a **two part** system in ... This may be accomplished by
either **encapsulating** an aqueous ... a counter-ion gelling agent **encapsulated** in a ...
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Electronically addressable microencapsulated ink and display thereof - group of 6 »
JM Jacobson - US Patent 6,422,687, 2002 - Google Patents
... 6,120,588, and a continuation-in-part of application No ... Gutcho, "Microencapsulation
with Synthetic Polymeric Film Formers", **Microcapsules** and **Microencapsulation** ...
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Topical drug delivery with thermo-irreversible gels - group of 2 »
TX Viegas, LE Reeve, RL Henry - US Patent 5,071,644, 1991 - Google Patents
... of the invention utilizing a **two part** system in ... This may be accomplished by either

encapsulating an aqueous ... resin or 35 gelatin-encapsulated controlled-release ...
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Herbicidal compositions of acylated 1, 3-dicarbonyl herbicides and phenoxyalkanoic acids, salts, ... - group of 2 »
MK Alterman, LF do Amaral - US Patent 4,859,234, 1989 - Google Patents
... Trainor Attorney, Agent, or Firm—Harry A. Pacini [57] ABSTRACT This invention embodies a two-part herbicidal system ... "plant" refers to all physical parts of a ...
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Control agent delivery system and method of use
RC Pearce III, DV Kiplinger - 2001 - freepatentsonline.com
... a projectile, preferably a biodegradable, two-part capsule containing ... rigid base portion which encapsulates a liquid ... Other components such as pest attractants ...
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Method and composition for the generation of chlorine dioxide using Iodo-Compounds, and methods of ... - group of 3 »
RDP Hei, DD McSherry, KR Smith, KE Olson - US Patent 6,663,902, 2003 - Google Patents
... Using the two-part generating system of the present ... in generated as an intermediate reactant, and chlorine ... in response to an activator or promoter component. ...
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Thermo-irreversible gel corneal contact lens formed in situ - group of 3 »
TX Viegas, LE Reeve, RL Henry - US Patent 5,376,693, 1994 - Google Patents
... of the invention utilizing a two part system ... For instance, the gelatin-encapsulated controlled-release ... preparation of a gelatin shell encapsulating a con- ...
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Gas mixtures useful as ultrasound contrast media, contrast agents containing the media and method - group of 6 »
F Yan, M Schneider - US Patent 6,183,725, 2001 - Google Patents
... 95-103 Absorption and scatter of encapsulated gas etc. ... The second component is present in a proportion ... Microballoons are encapsulating gases such as air, oxygen ...
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Azo-group-containing polymers for use in communications technologies - group of 3 »
O Nuyken, C Scherer, A Barndl, AR Brenner, U Dahn, ... - Progress in Polymer Science, 1997 - Elsevier
... or aliphatic acidic coupling components to yield ... In two-component materials used for dry development ... addition to the photoreactive component, industrial resist ...
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SA Cederholm-Williams, JM Marshall, JL Velada, DA ... - US Patent 6,462,018, 2002 - Google Patents
... 20 replete with disclosures of two component fibrin sealant ... skins which individually encapsulate the droplets ... structure via the encapsulated droplet geometry. ...
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Monophase solid solutions comprising a plurality of color former compounds and process for their ... - group of 3 »
JP Taylor, M Heneghan - US Patent 6,566,302, 2003 - Google Patents
... crystal lattice of the other component, which acts ... physical mixture of the desired components is dissolved ... For instance, a two component monophase solution con ...
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Hydrogels for tissue engineering: scaffold design variables and applications. - group of 5 »
JL Drury - Biomaterials, 2003 - owlnet.rice.edu
... of medical applications including cell encapsulation and drug ... For example, scaffolds designed to encapsulate cells must ... to and from the encapsulated cells and ...
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Particulate material suitable for selectively separating metal cations from aqueous solutions, ... - group of 3 »
KD Vorlop, M Sell... - US Patent 5,015,448, 1991 - Google Patents
... encapsulated by a water-insoluble, ion-permeable shell. ... in a hydrophilic gel or is a component of a 50 ... the said cross-linking agent in order to encapsulate the ...
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[CITATION] Gas mixtures useful as ultrasound contrast media, contrast agents containing the media and method
US Patent 5,556,610, 1996
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Image display medium, image-forming method, image-forming apparatus and initializer - group of 2 »
K Shigehiro, Y Yamaguchi, Y Machida, N Nakayama, S ... - US Patent 6,411,316, 2002 - Google Patents
... Development of Electrophoresis Display Using Microcapsules, Nippon Gazooh ... and white particles are encapsulated in the ... as a main component, spherical conductive ...
Cited by 6 - Related Articles - Web Search

Ion-sensitive, water-dispersible polymers, a method of making same and items using same - group of 7 »

FJ Lang, Y Chang, FM Chen, PA Dellerman, ED ... - US Patent 6,579,570, 2003 - Google Patents

Page 1. United States Patent Lang et al. (54) ION-SENSITIVE, WATER-DISPERSIBLE

POLYMERS, A METHOD OF MAKING SAME AND ITEMS USING SAME ...

Related Articles - Web Search

METHOD OF FORMING MICROPARTICLES

K KIM, DW PACK, CJ BERKLAND - EP Patent 1,355,630, 2003 - freepatentsonline.com

... outer shell thickness of a **two component** bead could ... Therapeutic compounds **encapsulated** in the microspheres are ... shell (the shell could also **encapsulate** a second ...

Cached - Web Search

Hydrophobic preparations of hydrophilic species and process for their preparation - group of 3 »

RRC New, CJ Kirby - US Patent 6,368,619, 2002 - Google Patents

... application, it is possible to **encapsulate** or microencapsulate ... release or involve a **two component** system, for example including a **component** for immediate ...

Web Search

Ablatable mask of polyoxyalkylene polymer and ionic polysaccharide gel for laser reprofiling of the ... - group of 2 »

TX Viegas, LE Reeve, RL Henry - US Patent 5,277,911, 1994 - Google Patents

... Oph- This is a continuation-in-part of copending applica- ... of either **component** than that dictated by economic Aconventional copolymer polyether polyol is pre- ...

Cited by 10 - Related Articles - Web Search

Method for fabricating electrodes for use in lead storage batteries - group of 2 »

K Takahashi, K Watanabe, N Hoshihara, H Jinbo - US Patent 4,548,835, 1985 - Google Patents

... emulsion is made of a **two-component** system of a ... of the lead powder calculated as the **solid component**. ... a plurality of the particles are porously **encapsulated**. ...

Cited by 4 - Related Articles - Web Search

Borate coinitiators for photopolymerization - group of 5 »

AF Cunningham, M Kunz, H Kura - US Patent 5,952,152, 1999 - Google Patents

... The tetravalent nitrogen may also be **part** of a 5- or 6-membered ring, in which case this ring may in turn be fused to other ring systems. ... **Part A: Polymer Chem.** ...

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Macrocyclic lactam prokinetic agents - group of 4 »

LA Freiberg, C Edwards, RJ Pariza, HN Nellans - US Patent 5,538,961, 1996 - Google Patents

... semi-solid or liquid filler, diluent, **encapsulating** material or ... can also be combined in micro- **encapsulated** form with ... 1 are reacted in a **two-part** procedure to ...

Cited by 3 - Related Articles - Web Search

[CITATION] Borate photoinitiators from monoboranes

H Kura, M Kunz, AF Cunningham - US Patent 5,932,393, 1999

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Preparation of injectable suspensions having improved injectability - group of 4 »

JM Ramstack, MGI Riley, SE Zale, JM Hotz, OL ... - US Patent 6,495,164, 2002 - Google Patents

... OTHER PUBLICATIONS HV Maulding et al., "Biodegradable Microcapsules: Acceleration of Polymeric ... By "weight %" or "% by weight" 3° is meant **parts** by weight per ...

Related Articles - Web Search

Borate photoinitiators from polyboranes - group of 2 »

AF Cunningham, M Kunz, H Kura - US Patent 5,807,905, 1998 - Google Patents

... **Part 10** ... The tetravalent nitrogen may also be **part** of a 5- or 6-membered ring, in which case this ring may in turn be fused to other ring systems. ...

Cited by 6 - Related Articles - Web Search

Latex Particle Morphology, Fundamental Aspects: A Review

DC Sundberg, YG Durant - Polymer Reaction Engineering, 2003 - Taylor & Francis

... MFT would indicate near total **encapsulation** of the ... aid of a standard three **component** phase diagram ... of equilibrium morphologies for **two-component** latex particles ...

Cited by 5 - Related Articles - Web Search - BL Direct

Method and apparatus for producing two-sided carbonless copies of both sides of an original document - group of 3 »

KE Schubert - US Patent 5,197,922, 1993 - freepatentsonline.com

... a dried emulsion of colorless dye held in **microcapsules** which are ... of the left portion 16 are coated with one **part** 30 (CB) of a **two-part**, chemical carbonless ...

Cited by 11 - Related Articles - Cached - Web Search

Polyborane photoinitiators and borate photoinitiators from polyboranes - group of 3 »

AF Cunningham, M Kunz, H Kura - US Patent 6,057,078, 2000 - Google Patents

... Part 10. ... The tetravalent nitrogen may also be part of a 5- or 6-membered ring, in which case this ring may in turn be fused to other ring systems. ...
Cited by 1 - Related Articles - Web Search

TRIGGERABLE POLYMER COMPOSITION, AND ITEMS USING SAME
Y CHANG, KD BRANHAM, FJ LANG, PS MUMICK, WS ... - EP Patent 1,280,951, 2003 - freepatentsonline.com
... be biodegradable or photodegradable, are **encapsulated** in or ... rupture of the plastic **encapsulation** or binding ... neutralizing agent to neutralize the acid **component** ...
Cached - Web Search

ION-SENSITIVE, WATER DISPERSIBLE POLYMERS
VK SHAH, KJ BEVERNITZ, FJ LANG, FMC CHEN, ED ... - EP Patent 1,278,557, 2003 - freepatentsonline.com
... be biodegradable or photodegradable, are **encapsulated** in or ... rupture of the plastic **encapsulation** or binding ... neutralizing agent to neutralize the acid **component** ...
Cached - Web Search

Image display medium, image-forming method and image-forming apparatus capable of repetitive writing ... - group of 3 »
Y Yamaguchi, Y Machida, K Shigehiro, N Nakayama, S ... - US Patent 6,407,763, 2002 - Google Patents
... Kawai, "Development of **Microcapsule** -type Electro- phoretic Display (digital Paper)",
The Imaging Society of Japan, Electronic Imaging Seminar, 1999, pp. ...
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Ultrasound contrast agents and methods of making and using them - group of 5 »
M Schneider, F Yan, P Grenier, N Garcel, J ... - US Patent 6,613,306, 2003 - Google Patents
... 103, "Absorption and scatter of **encapsulated** gas filled ... which is a continuation-in- part of Ser ... resistant gas-filled microbubbles, **microcapsules** and microballoons ...
Related Articles - Web Search

ION-SENSITIVE, WATER-DISPERSIBLE POLYMERS, A METHOD OF MAKING SAME AND ITEMS USING SAME
EP Patent 1,280,952, 2003 - freepatentsonline.com
... be biodegradable or photodegradable, are **encapsulated** in or ... rupture of the plastic **encapsulation** or binding ... neutralizing agent to neutralize the acid **component** ...
Cached - Web Search

SALT-SENSITIVE, WATER-DISPERSIBLE POLYMER COMPOSITION
Y CHANG, KD BRANHAM, FJ LANG, PS MUMICK, WS ... - EP Patent 1,280,860, 2003 - freepatentsonline.com
... be biodegradable or photodegradable, are **encapsulated** in or ... rupture of the plastic **encapsulation** or binding ... neutralizing agent to neutralize the acid **component** ...
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Hydroxyphenyl triazines - group of 5 »
D Huglin, V Van Toan, H Luther, C Bulliard, G Rytz - US Patent 6,184,375, 2001 - Google Patents
Page 1. United States Patent Huglin et al. (54) HYDROXYPHENYL TRIAZINES
(75) Inventors: Dietmar Huglin, Freiburg (DE); Vien Van ...
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Featured Article A Review of Biodegradable Polymers: Uses, Current Developments in the
W Amass, A Amass, B Tighe - Polymer International, 1998 - doi.wiley.com
... of a biodegradable or photo- oxidizable **component**; (2) chemical ... inciner- ation is an essential part of an ... A further bonus comes from **components** that are photo ...
Cited by 2 - Related Articles - Web Search

Curing catalyst, resin composition, resin-sealed semiconductor device and coating material - group of 3 »
S Murai, S Hayase, S Fujieda, R Hayase, Y Hotta - US Patent 6,437,090, 2002 - Google Patents
... However, this **two-part** system employing such a curing ... compound for instance is **encapsulated** using a ... nent and an organometallic compound **component**, wherein at ...
Cited by 2 - Related Articles - Web Search

Iodonium salts as latent acid donors - group of 3 »
R Schulz, JL Birbaum, JP Wolf, S Ilg, H Yamato, T ... - US Patent 6,306,555, 2001 - Google Patents
... JV Crivello, Journal of Polymer Science, Part A: Polymer ... Further examples of glycidyl ether **components** (al) that are ... that are suitable as **component** (al), such ...
Cited by 8 - Related Articles - Web Search

Polymers for delivery of nucleic acids - group of 3 »
HQ Mao, KY Lin, BS Hendriks, KW Leong, MF Haller - US Patent 6,548,302, 2003 - Google Patents
... Jones et al., "Poly(DL-lactide-Co-glycolide)-**encapsulated** plasmid DNA ... al.,
"Phosphorous-Containing Polymers," Hand -book of Polymer Synthesis, Part B, Chapter ...
Related Articles - Web Search

Toner and developer for developing electrostatic image, process for production thereof and image ... - group of 6 »
H Tanikawa, T Nakahara, K Nozawa, K Hagiwara, M ... - US Patent 6,187,496, 2001 - Google Patents

... and, in an extreme case, a part of a ... agglomeration, impregnation and encapsulation or internal ... cases because of much low molecular weight component, thus being ...
Cited by 5 - Related Articles - Web Search

Method using toner and developer for developing electrostatic image - group of 2 »
H Tanikawa, T Nakahara, K Nozawa, K Hagiwara, M ... - US Patent 6,541,174, 2003 - Google Patents
... in an extreme case, a part of a ... particle formation, agglomeration, impregnation and
encapsulation or internal ... US 6,541,174 B1 8 component, thusbeing liable to ...
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(two-part OR two-component OR "tw

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